



09/334825

CofC

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent No. : 6,861,506 B1
Issue Date : March 1, 2005
Inventors : Tony N. Frudakis et al.
Docket No. : 210121.419C7
Date : July 19, 2005

Mail Stop Certificate of Correction
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Certificate
AUG 05 2005
of Correction

REQUEST FOR CERTIFICATE OF CORRECTION

Commissioner for Patents:

A certificate of correction is respectfully requested in the above-identified patent.

The following errors have been made:

On the title page under References Cited (56) Foreign Patent Documents, and as correctly identified on the Information Disclosure Statement dated March 5, 2004 "WO 98/11514 5/1994" should read as --WO 94/11514 05/26/94--

On the title page under References Cited (56) U.S. Patent Documents, and as correctly identified on the Information Disclosure Statement dated February 21, 2003, the following cites were inadvertently omitted

--5,912,143 Bandman et al 06/15/99--

--6,225,054 Frudakis et al. 05/01/01--

--6,344,550 Frudakis et al. 02/05/02--

On the title page under References Cited (56) Foreign Patent Documents, and as correctly identified on the Information Disclosure Statement dated February 1, 2003, the following cites were inadvertently omitted

--EP 1033401 A2 09/06/00--

--WO 99/06550 02/11/99--

--WO 99/31236 06/24/99--

--WO 01/51628 07/19/01--

On the title page under References Cited (56) Other Publications, and as correctly identified on the Information Disclosure Statement dated February 1, 2003, the following cites were inadvertently omitted

--Ahn and Kunkel, "The structural and functional diversity of dystrophin," *Nature Genetics* 3:283-291, April 1993--

--Attwood, T.K., "The Babel of Bioinformatics," *Science* 290: 471-473, October 20, 2000--

--Boon, T., "Toward a Genetic Analysis of Tumor Rejection Antigens," *Adv. Cancer Res.* 58:177-210--

--Burgess et al., "Possible Dissociation of the Heparin-binding and Mitogenic Activities of Heparin-binding (Acidic Fibroblast) Growth Factor-1 from Its Receptor-binding Activities by Site-directed Mutagenesis of a Single Lysine Residue," *Journal of Cell Biology* 111: 2129-2138, November 1990--

--Cawthon et al., "cDNA Sequence and Genomic Structure of *EVI2B*, a Gene Lying with an Intron of the Neurofibromatosis Type 1 gene," *Genomics* 9: 446-460, 1991--

--Curti, B.D., "Physical barriers to drug delivery in tumors," *Critical Reviews in Oncology/Hematology* 14:29-39, 1993--Inadvertently Omitted -- Dermer, G.B., "Another Anniversary for the War on Cancer," *Bio/Technology* 12: 320, March 1994--

--Drexler, H. "Recent Results on the Biology of Hodgkin and Reed-Sternberg cells. II. Continuous Cell Lines," *Leukemia and Lymphoma* 9: 1-25, 1993--

--Embleton, M.J., "Monoclonal Antibodies to Osteogenic Sarcoma Antigens," in *Monoclonal Antibodies and Cancer, Immunology Series 23*, Wright, Jr. G.L. (ed.), Marcel Dekker, New York, NY, 1984, pp. 181-207--

-- Freshney, R.I., *Culture of Animal Cells: A Manual of Basic Technique*, Alan R. Liss, Inc., New York, 1983, pp.3-4--

--GenBank Accession No. AA533501, August 1, 1997--

--GenBank Accession No. AC018804, February 11, 2003--

--GenBank Accession No. AI804733, July 6, 1999--

--GenBank Accession No. AQ063365, July 30, 1998--

--GenBank Accession No. AQ124119, August 31, 1998--

--Geneseq (Derwent) Accession No. AAV68996, January 22, 1999--

--Geneseq (Derwent) Accession No. AAL10921, December 7, 2001--

--Geneseq (Derwent) Accession No. AAL11383, December 7, 2001--

--Geneseq (Derwent) Accession No. AAL11455, December 7, 2001--

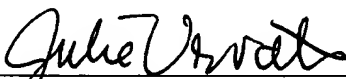
- Genseq (Derwent) Accession No. AAL13620, December 7, 2001--
- Genseq (Derwent) Accession No. AAL18685, December 7, 2001--
- Genseq (Derwent) Accession No. AAL20282, December 7, 2001--
- Genseq (Derwent) Accession No. AAL20354, December 7, 2001--
- Genseq (Derwent) Accession No. AAL22489, December 7, 2001--
- Gerhold and Caskey, "It's the genes! EST access to human genome content," *BioEssays* 18(12): 973-981, 1996--
- Geysen et al., "Cognitive Features of Continuous Antigenic Determinants," *Journal of Molecular Recognition* 1(1): 32-41, 1988--
- Gillies and Wesolowski et al., "Antigen binding and biological activities of engineered mutant chimeric antibodies with human tumor specificities," *Hum. Antibod. Hybridomas* 1(1): 47-54, 1990--
- Harris et al., "Polycystic Kidney Disease 1: Identification and Analysis of the Primary Defect," *Journal of the American Society of Nephrology* 6(4): 1125-1133, October 1995--
- Hartwell et al., "Integrating Genetic Approaches into the Discovery of Anticancer Drugs," *Science* 278: 1064-1068, November 7, 1997--
- Hsu, T.C., "Karyology of Cells in Culture," in *Tissue Culture: Methods and Applications*, Kurse, Jr et al. (eds.), Academic Press, New York, 1973, pp . 764-767--
- Jain, R. K., "Barriers to Drug Delivery in Solid Tumors," *Scientific American* 271(1): 58-65, July 1994--
- Johnstone and Thorpe (eds.), *Immunochemistry in Practice*, Second Edition, Blackwell Scientific Publications, Oxford England, 1987, pp 49-50--
- Lazar et al., "Transforming Growth Factor α : Mutation of Aspartic Acid 47 and Leucine 48 Results in Different Biological Activities," *Molecular and Cellular Biology* 8: 1247-1252, March 1988--
- Russell and Barton, "Structural Features can be Unconserved in Proteins with Similar Folds. An Analysis of Side-chain to Side-chain Contacts Secondary Structure and Accessibility," *J. Mol. Biol.* 244: 332-350, 1994--
- Tao and Morrison, "Studies of Aglycosylated Chimeric Mouse-Human IgG. Role of Carbohydrate in the Structure and Effector Functions Mediated by the Human IgG Constant Region," *Journal of Immunity* 143(8): 2595-2601, October 15, 1989--
- Venter et al., "Genome sequence analysis: scientific objectives and practical strategies," *Trends in Biotechnology* 10: 8-11, Jan/Feb 1992--
- Walter, G., "Production of use of antibodies against synthetic peptides," *Journal of Immunological Methods* 88: 149-161, 1986--

-- Wei et al., "Protection against mammary tumor growth by vaccination with full-length, modified human *ErbB-2* DNA," *Int. J. Cancer* 81: 748-754, 1999--

-- Wells and Peitsch, "The chemokine information source: identification and characterization of novel chemokines using the WorldWideWeb and Expressed Sequence Tag Databases," *Journal of Leukocyte Biology* 61: 545-550, May 1997--

Attached is form PTO/SB/44, which indicates the corrections to be made, by reference to the column and line numbers in the printed patent. Because the errors were made by the Patent Office, no fee is necessary. However if they are determined to be our errors, the Commissioner is hereby authorized to charge payment of any fees associated with this communication to Deposit Account No. 19-1090.

Respectfully submitted,
SEED Intellectual Property Law Group PLLC



Julie A. Urvater, Ph.D.
Registration No. 50,461

JAU: dj

Enclosures:

Form PTO/SB/44
Postcard

SEED Intellectual Property Law Group PLLC
701 Fifth Avenue, Suite 6300
Seattle, Washington 98104-7092
Phone: (206) 622-4900
Fax: (206) 682-6031
610809_1.DOC

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO : 6,861,506 *B1*
DATED : March 1, 2005
INVENTORS : Tony N. Frudakis et al.

1/4

It is certified that errors appear in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

Title Page

Item (56) References Cited, Foreign Patent Documents - "WO 98/11514 5/1994" should read as --
WO 94/11514 05/26/94--

Item (56) References Cited, Foreign Patent Documents - Inadvertently Omitted

--EP 1033401 A2 09/06/00--
--WO 99/06550 02/11/99--
--WO 99/31236 06/24/99--
--WO 01/51628 07/19/01--

Item (56) References Cited, U.S. Patent Documents - Inadvertently Omitted

--5,912,143 Bandman et al 06/15/99--
--6,225,054 Frudakis et al. 05/01/01--
--6,344,550 Frudakis et al. 02/05/02--

Item (56) References Cited, Other Publications - Inadvertently Omitted

--Ahn and Kunkel, "The structural and functional diversity of dystrophin," *Nature Genetics* 3:283-291, April 1993--Inadvertently Omitted --Attwood, T.K., "The Babel of Bioinformatics," *Science* 290: 471-473, October 20, 2000--
--Boon, T., "Toward a Genetic Analysis of Tumor Rejection Antigens," *Adv. Cancer Res.* 58:177-210--

MAILING ADDRESS OF SENDER:

PATENT NO. 6,861,506

Seed Intellectual Property Law Group PLLC
701 Fifth Avenue, Suite 6300
Seattle, Washington 98104

No. of additional copies

0

Burden hour Statement: This form is estimated to take 1.0 hour to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

AUG 08 2005

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO : 6,861,506 ^{BI}
DATED : March 1, 2005
INVENTORS : Tony N. Furdakis et al.

2/4

It is certified that errors appear in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

--Burgess et al., "Possible Dissociation of the Heparin-binding and Mitogenic Activities of Heparin-binding (Acidic Fibroblast) Growth Factor-1 from Its Receptor-binding Activities by Site-directed Mutagenesis of a Single Lysine Residue," *Journal of Cell Biology* 111: 2129-2138, November 1990--

--Cawthon et al., "cDNA Sequence and Genomic Structure of *EV12B*, a Gene Lying with an Intron of the Neurofibromatosis Type 1 gene," *Genomics* 9: 446-460, 1991--

--Curti, B.D., "Physical barriers to drug delivery in tumors," *Critical Reviews in Oncology/Hematology* 14:29-39, 1993--Inadvertently Omitted -- Dermer, G.B., "Another Anniversary for the War on Cancer," *Bio/Technology* 12: 320, March 1994--

--Drexler, H. "Recent Results on the Biology of Hodgkin and Reed-Sternberg cells. II. Continuous Cell Lines," *Leukemia and Lymphoma* 9: 1-25, 1993--

--Embleton, M.J., "Monoclonal Antibodies to Osteogenic Sarcoma Antigens," in Monoclonal Antibodies and Cancer, *Immunology Series* 23, Wright, Jr. G.L. (ed.), Marcel Dekker, New York, NY, 1984, pp. 181-207--

-- Freshney, R.I., *Culture of Animal Cells: A Manual of Basic Technique*, Alan R. Liss, Inc., New York, 1983, pp.3-4--

--GenBank Accession No. AA533501, August 1, 1997--

--GenBank Accession No. AC018804, February 11, 2003--

--GenBank Accession No. AI804733, July 6, 1999--

--GenBank Accession No. AQ063365, July 30, 1998--

--GenBank Accession No. AQ124119, August 31, 1998--

MAILING ADDRESS OF SENDER:

PATENT NO. 6,861,506

Seed Intellectual Property Law Group PLLC
701 Fifth Avenue, Suite 6300
Seattle, Washington 98104

No. of additional copies

0

Burden hour Statement: This form is estimated to take 1.0 hour to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

AUG 0-8 2005

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO : 6,861,506 **B1**
DATED : March 1, 2005
INVENTORS : Tony N. Furdakis et al.

3/4

It is certified that errors appear in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

--Geneseq (Derwent) Accession No. AAV68996, January 22, 1999--
--Genseq (Derwent) Accession No. AAL10921, December 7, 2001--
--Genseq (Derwent) Accession No. AAL11383, December 7, 2001--
--Genseq (Derwent) Accession No. AAL11455, December 7, 2001--
--Genseq (Derwent) Accession No. AAL13620, December 7, 2001--
--Genseq (Derwent) Accession No. AAL18685, December 7, 2001--
--Genseq (Derwent) Accession No. AAL20282, December 7, 2001--
--Genseq (Derwent) Accession No. AAL20354, December 7, 2001--
--Genseq (Derwent) Accession No. AAL22489, December 7, 2001--
--Gerhold and Caskey, "It's the genes! EST access to human genome content," *BioEssays* 18(12): 973-981, 1996--
--Geysen et al., "Cognitive Features of Continuous Antigenic Determinants," *Journal of Molecular Recognition* 1(1): 32-41, 1988--
--Gillies and Wesolowski et al., "Antigen binding and biological activities of engineered mutant chimeric antibodies with human tumor specificities," *Hum. Antibod. Hybridomas* 1(1): 47-54, 1990--
--Harris et al., "Polycystic Kidney Disease 1: Identification and Analysis of the Primary Defect," *Journal of the American Society of Nephrology* 6(4): 1125-1133, October 1995--
--Hartwell et al., "Integrating Genetic Approaches into the Discovery of Anticancer Drugs," *Science* 278: 1064-1068, November 7, 1997--
--Hsu, T.C., "Karyology of Cells in Culture," in *Tissue Culture: Methods and Applications*, Kurse, Jr et al. (eds.), Academic Press, New York, 1973, pp . 764-767--
--Jain, R. K., "Barriers to Drug Delivery in Solid Tumors," *Scientific American* 271(1): 58-65, July 1994--

MAILING ADDRESS OF SENDER:

PATENT NO. 6,861,506

Seed Intellectual Property Law Group PLLC
701 Fifth Avenue, Suite 6300
Seattle, Washington 98104

No. of additional copies

0

Burden hour Statement: This form is estimated to take 1.0 hour to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

AUG 08 2005

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO : 6,861,506 *bt*
DATED : March 1, 2005
INVENTORS : Tony N. Furdakis et al.

4/4

It is certified that errors appear in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

- Johnstone and Thorpe (eds.), *Immunochemistry in Practice*, Second Edition, Blackwell Scientific Publications, Oxford England, 1987, pp 49-50--
- Lazar et al., "Transforming Growth Factor α : Mutation of Aspartic Acid 47 and Leucine 48 Results in Different Biological Activities," *Molecular and Cellular Biology* 8: 1247-1252, March 1988--
- Russell and Barton, "Structural Features can be Unconserved in Proteins with Similar Folds. An Analysis of Side-chain to Side-chain Contacts Secondary Structure and Accessibility," *J. Mol. Biol.* 244: 332-350, 1994--
- Tao and Morrison, "Studies of Aglycosylated Chimeric Mouse-Human IgG. Role of Carbohydrate in the Structure and Effector Functions Mediated by the Human IgG Constant Region," *Journal of Immunity* 143(8): 2595-2601, October 15, 1989--
- Venter et al., "Genome sequence analysis: scientific objectives and practical strategies," *Trends in Biotechnology* 10: 8-11, Jan/Feb 1992--
- Walter, G., "Production of use of antibodies against synthetic peptides," *Journal of Immunological Methods* 88: 149-161, 1986--
- Wei et al., "Protection against mammary tumor growth by vaccination with full-length, modified human *ErbB-2* DNA," *Int. J. Cancer* 81: 748-754, 1999--
- Wells and Peitsch, "The chemokine information source: identification and characterization of novel chemokines using the WorldWideWeb and Expressed Sequence Tag Databases," *Journal of Leukocyte Biology* 61: 545-550, May 1997--

MAILING ADDRESS OF SENDER:

PATENT NO. 6,861,506

Seed Intellectual Property Law Group PLLC
701 Fifth Avenue, Suite 6300
Seattle, Washington 98104

No. of additional copies

0

Burden hour Statement: This form is estimated to take 1.0 hour to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

AUG 08 2005